

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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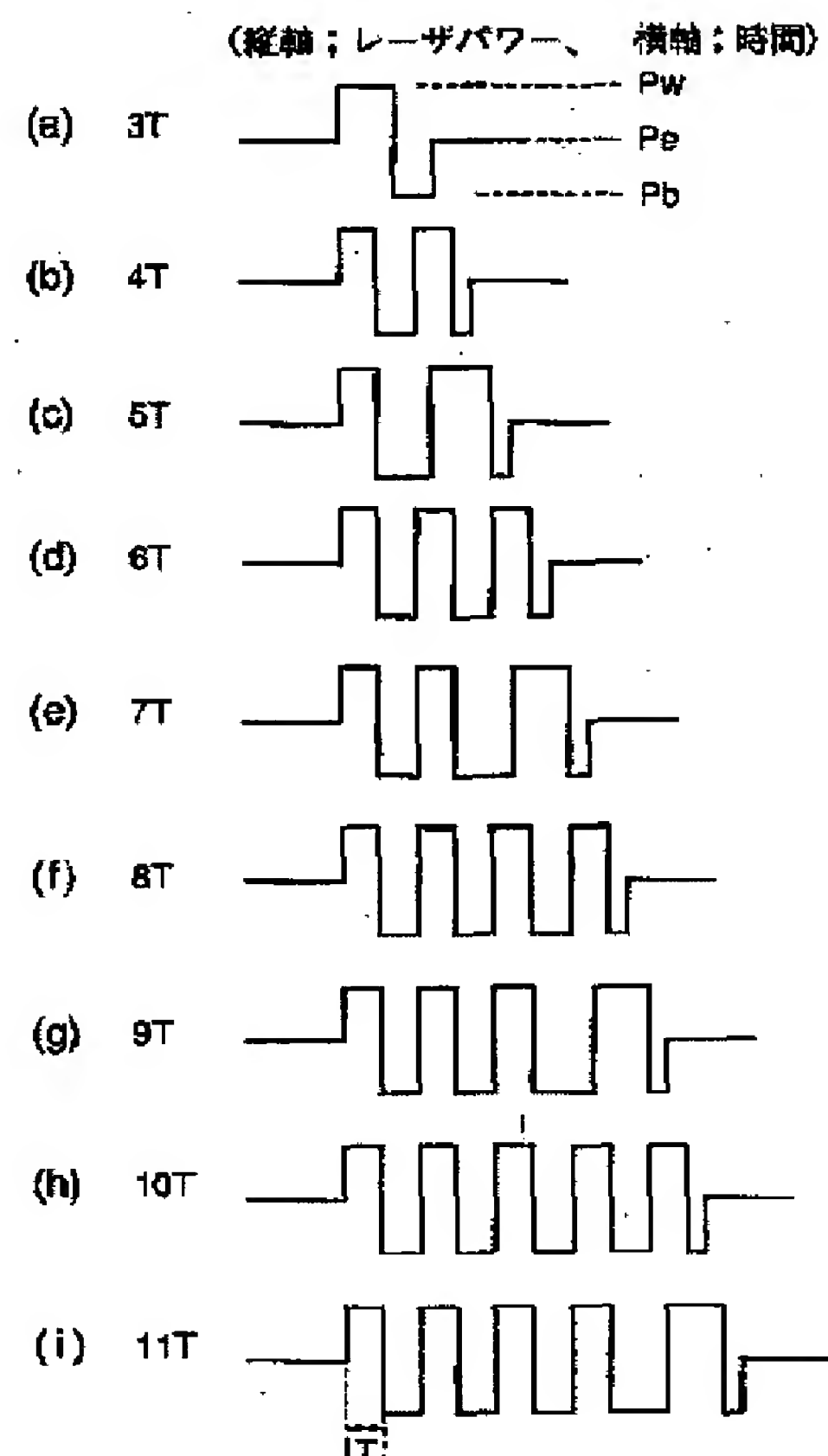
APPLICATION DATE : 08-03-01  
APPLICATION NUMBER : 2001064878

APPLICANT : MITSUBISHI CHEMICALS CORP;

INVENTOR : ONO TAKASHI;

INT.CL. : B41M 5/26 G11B 7/004 G11B 7/24

TITLE : OPTICAL INFORMATION RECORDING  
MEDIUM AND ITS RECORD DELETING  
METHOD



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide an optical information recording medium having a high crystallization speed which can deal with recording by a reference clock cycle at 15 ns or lower, an excellent recording signal jitter property, and an excellent preservation stability.

**SOLUTION:** For this optical information recording medium, at least a phase changing type recording layer is provided on a substrate. The phase changing type recording layer comprises an alloy of which the major component is a composition represented by  $(Sb_xTe_{1-x})_{1-y}Ge_y)_{1-z}Au_z$ . (In this case,  $0.70 \leq x \leq 0.95$ ,  $0.01 \leq y \leq 0.10$ , and  $0.01 \leq z \leq 0.12$  are satisfied).

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